

**23 December 1994**



**Maintenance**

**ENGINE MANAGEMENT**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction implements AFPD 21-1. It provides guidance for timely and accurate reporting of installed and uninstalled reportable engines, the care and marking of shipping devices and the preparation of engines and modules for shipment in accordance with the following: AFI 21-104 and T.O. 00-25-254-1.

**SUMMARY OF REVISIONS**

This revision implements new guidance provided by AFI 21-104 and T.O. 00-25-254-1.

**1. Initiated by .** This instruction is initiated by the Base/SRAN Engine Manager and applies to all Aircraft Maintenance personnel, Transportation personnel and the Base/SRAN Engine Manager at the Willow Grove Air Reserve Station, Pennsylvania.

**2. Responsibilities:**

2.1. Aircraft maintenance will:

2.1.1. Ensure and certify that serviceable or reparable engines, modules and gear boxes are prepared for shipment IAW T.O. 2J-1-18 and T.O. 00-85-20.

2.1.2. Obliterate old markings and establish current, correct and authorized markings on containers serviceable or reparable engines, modules or gear boxes, prior to shipment.

2.1.3. Notify the Base/SRAN Engine Manager on receipt and transfer of aircraft to and from other installations or activities, PDM, etc.

2.1.4. Assist the Base/SRAN Engine Manager in obtaining the current operating hours on installed gas turbine engine and gear boxes.

2.1.5. Coordinate all actions affecting engine status with the Base/SRAN Engine Manager, such as cannibalization actions, proposed removals, etc.

2.1.6. Prepare engine, modules and gear box records for shipment with these units.

2.2. Transportation will:

2.2.1. Ensure the provisions of T.O. 2J-1-18 and T.O. 00-85-20 are certified prior to affixing the shipper's declaration of dangerous goods form IAW AFI 20-240.

2.2.2. Adhere to the transportation time segment of the Base Pipeline time for specific engines IAW T.O. 2-1-18, Section IV.

2.2.3. Report engine status, receipts and shipment of engines to the Base/SRAN Engine Manager.

2.2.4. Perform tracer actions on shipped engines when notified by the Base/SRAN Engine Manager.

2.3. Base/SRAN Engine Manager will:

2.3.1. Represent the Base Commander in the administration of the Engine Management Program.

2.3.2. Have access to current documentation showing the base spare engine stockage authorization.

2.3.3. Maintain an inventory of shipping devices.

2.3.4. Report the movement of all engines through the base pipeline segments. Investigate delays and advise Maintenance, Supply or Transportation personnel of findings.

2.3.5. Begin tracer action to locate engines when necessary.

2.3.6. Manage QEC kits IAW AFI 21-104 and AFM 67-1, Vol II, Part 2, Chapter 21.

2.3.7. Ensure that shipment of engines is properly documented. Ensure that packaging and preservation comply with T.O. 2J-1-18 and T.O. 00-85-20.

2.3.8. Coordinate with base MICAP monitor to ensure ENMCS requirements are accurately reported and requisitioned properly.

2.3.9. Take immediate action to correct all reporting errors and variances.

2.3.10. Notify the Command Engine Manager (CEM) by phone if necessary of any engine which may require shipment to overhaul and subsequent resupply by the depot. Also, request by phone and message, any extension of operation hours above the prescribed time in T.O. 2-1-18.

2.3.11. Attend the Engine Manager's conference according to command directive.

2.3.12. Obtain from the Command Engine Manager, disposition devices which are excess to base requirements.

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Commander